

Fig.1

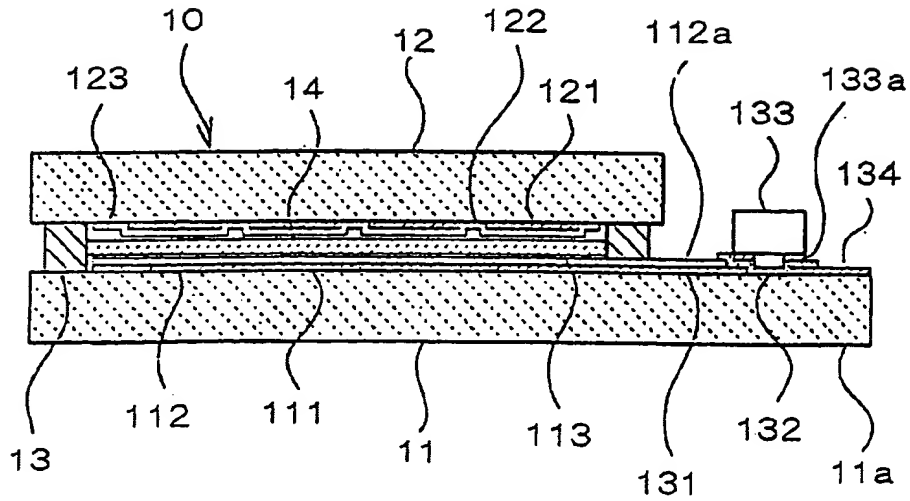
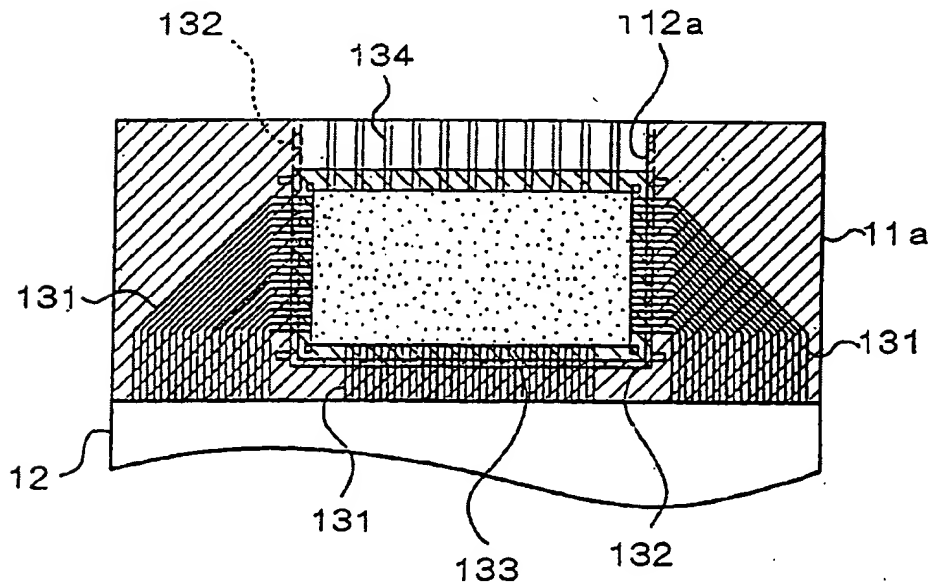
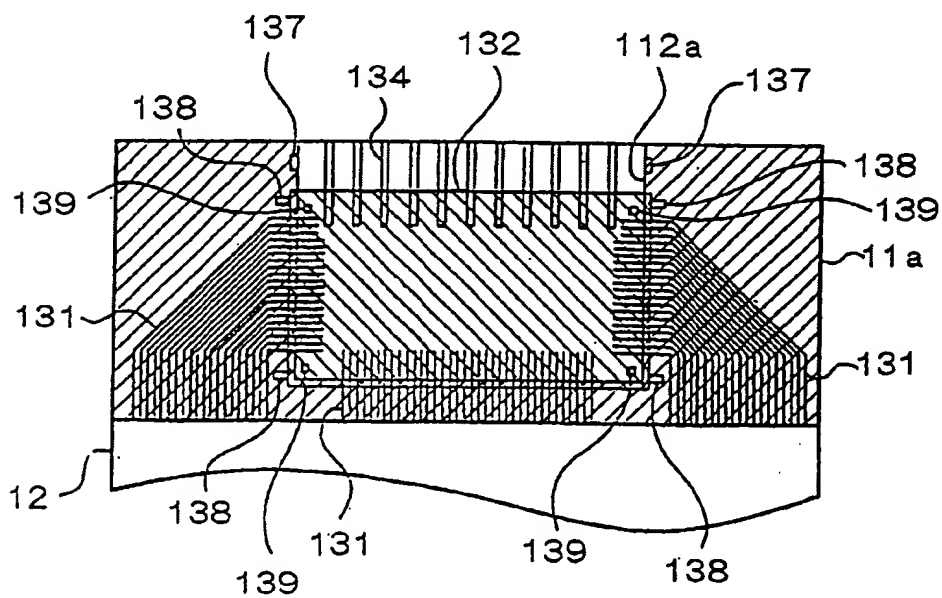


Fig.2







3/27

Fig.5

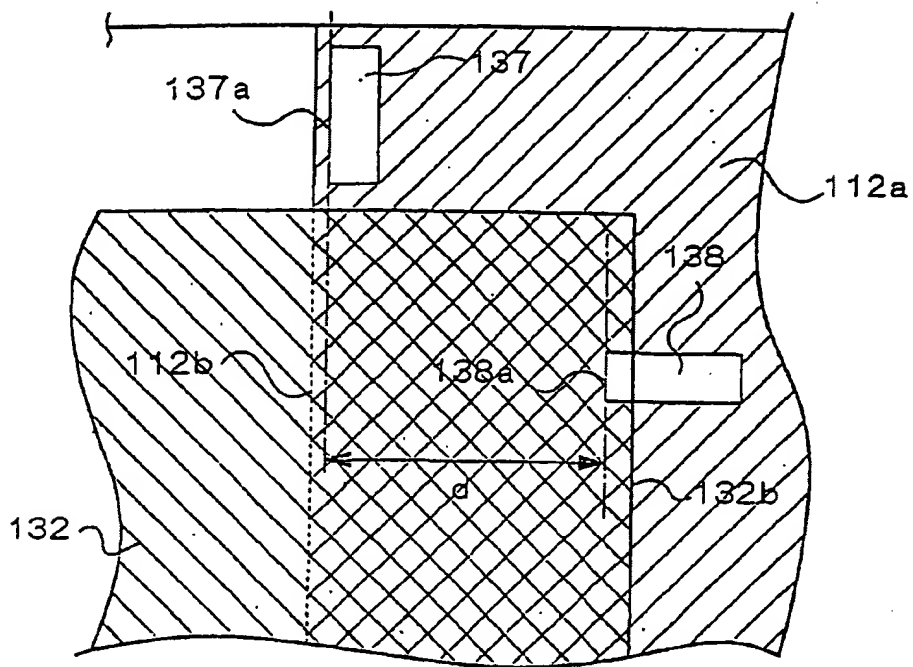


Fig.6

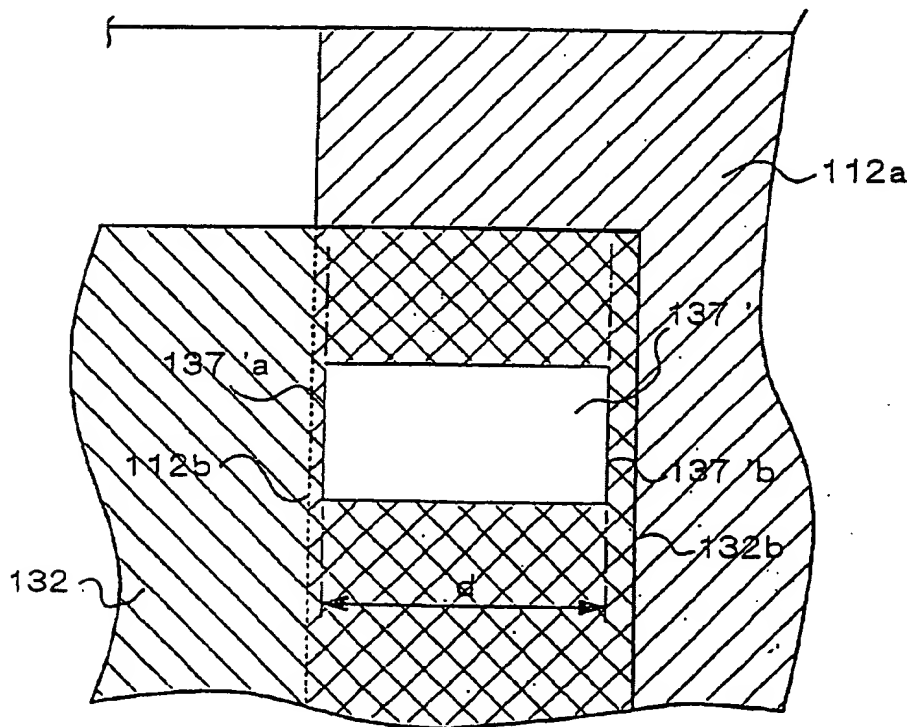
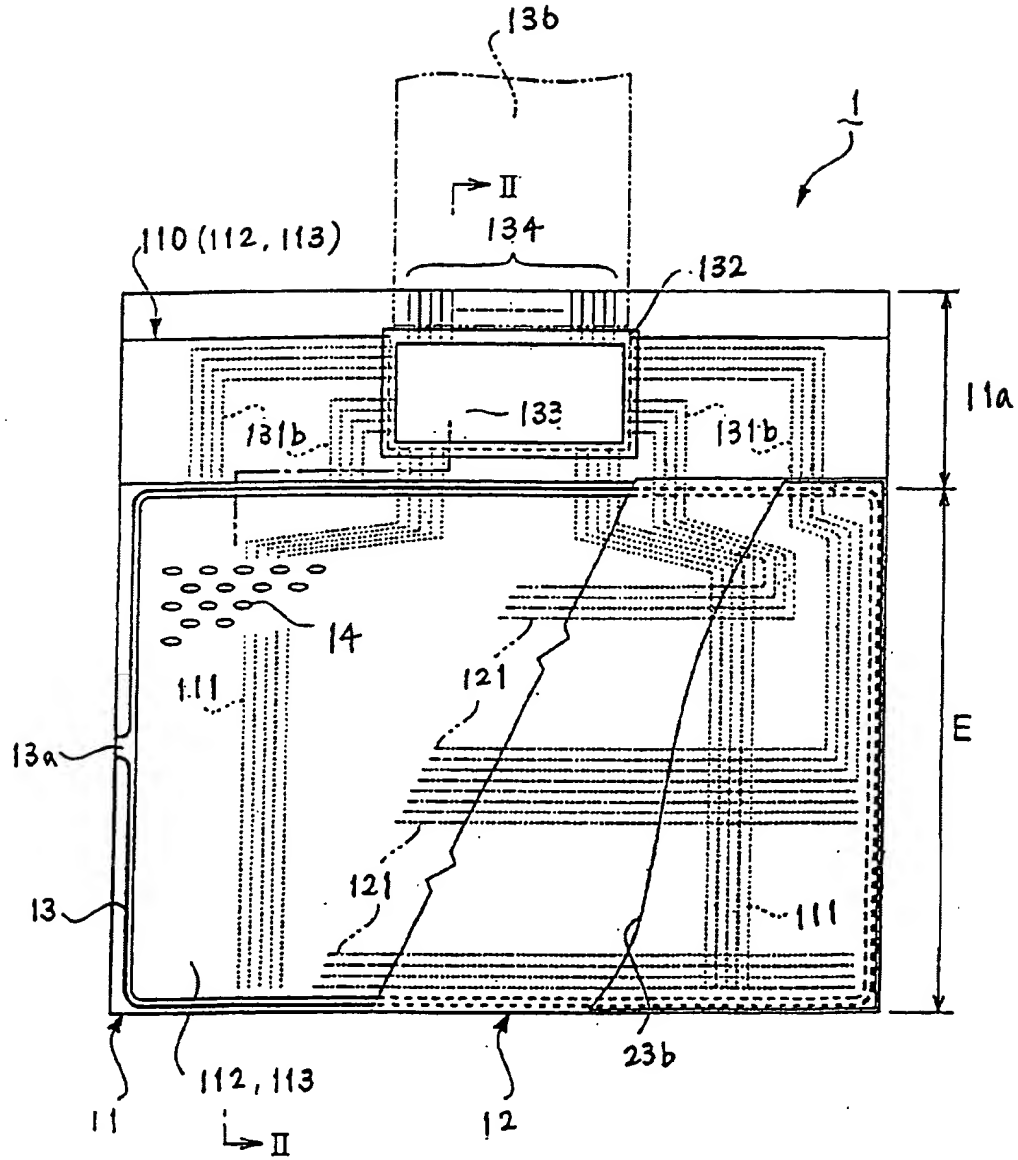




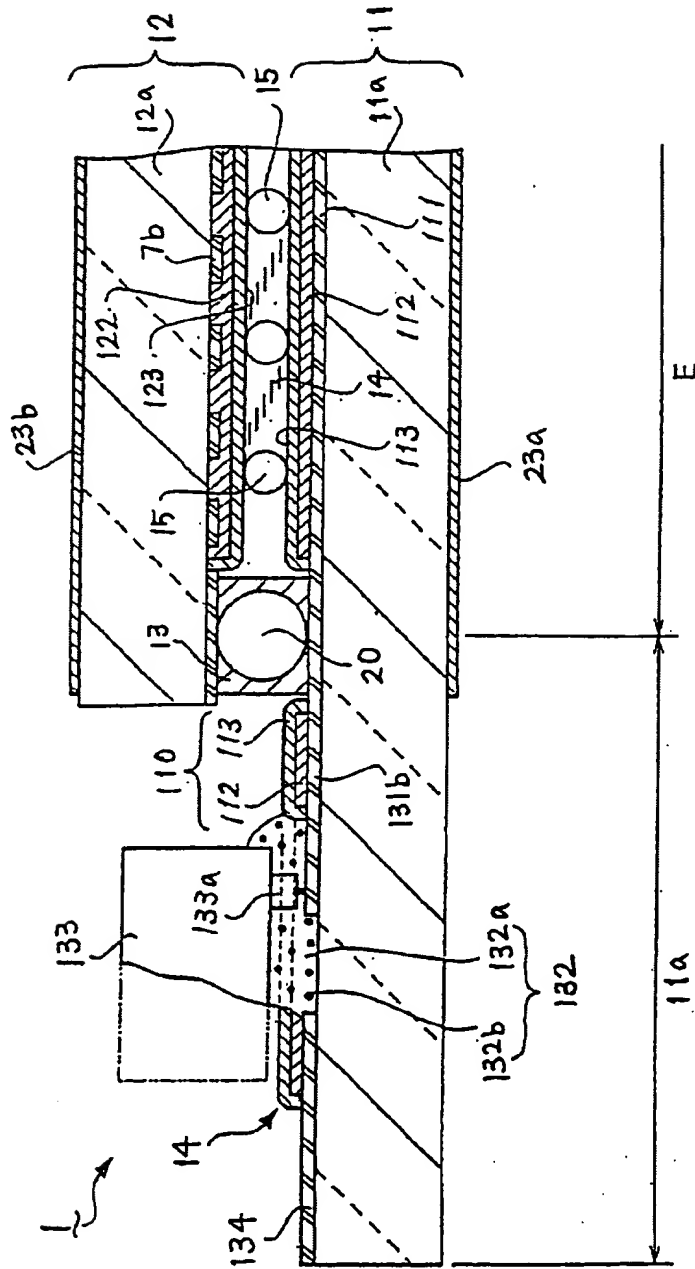
Fig.7



NOV 1 6 2003
 PATENT & TRADEMARK OFFICE

5/27

Fig. 8



NOV 14 2003
 U.S. PATENT & TRADEMARK OFFICE

6/27

FIG. 9A

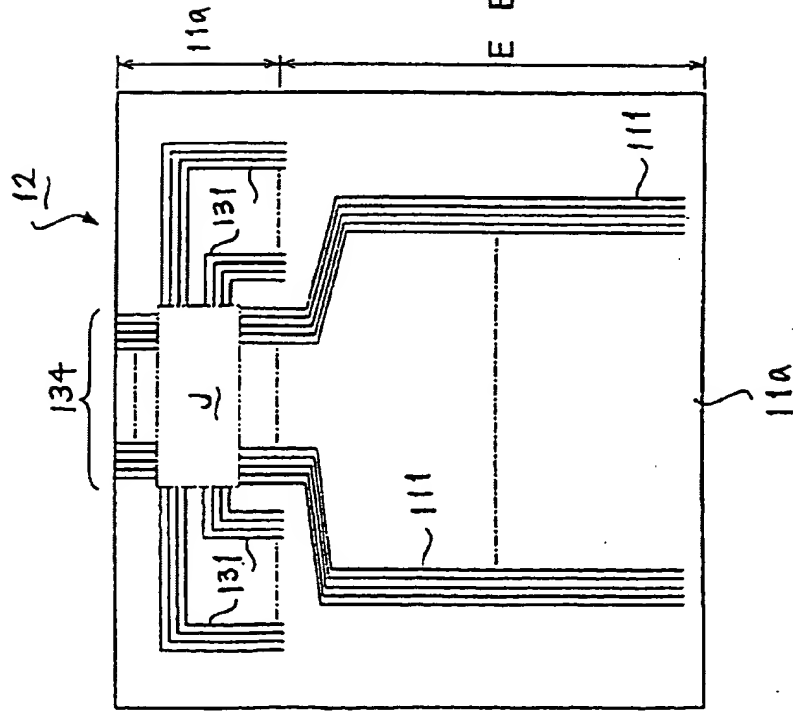
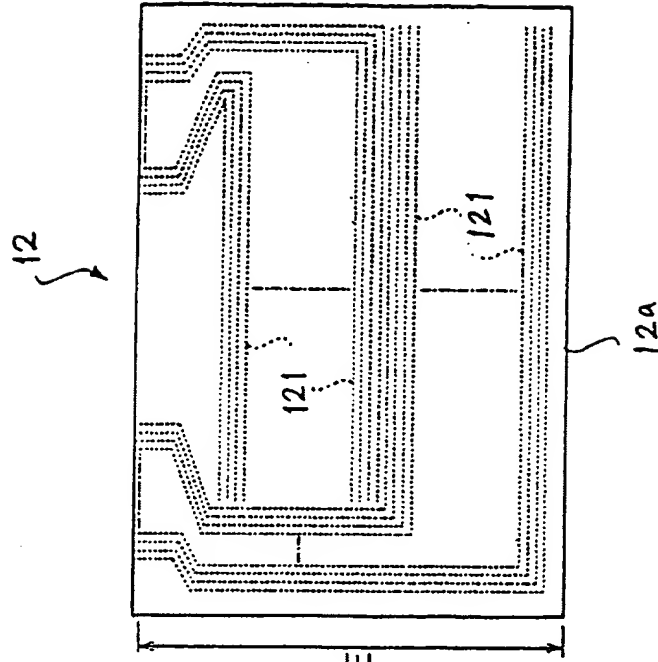


FIG. 9B





7/27

Fig.10

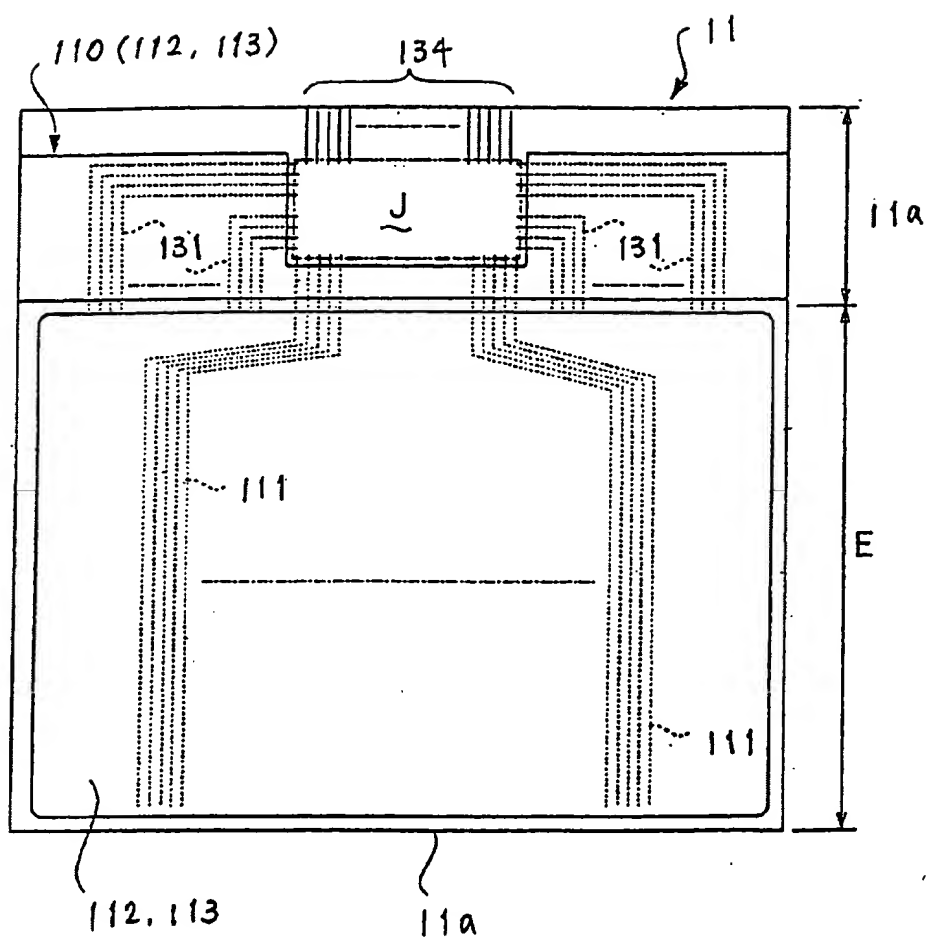
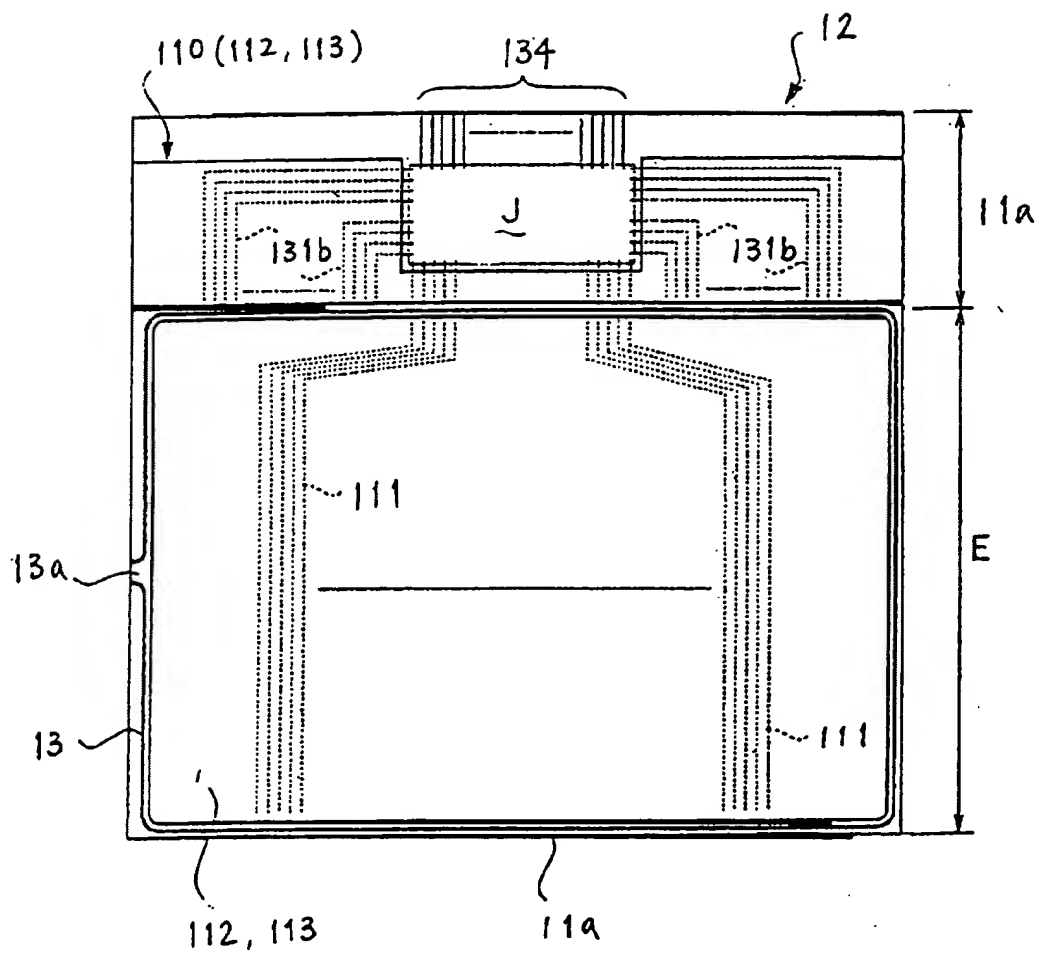
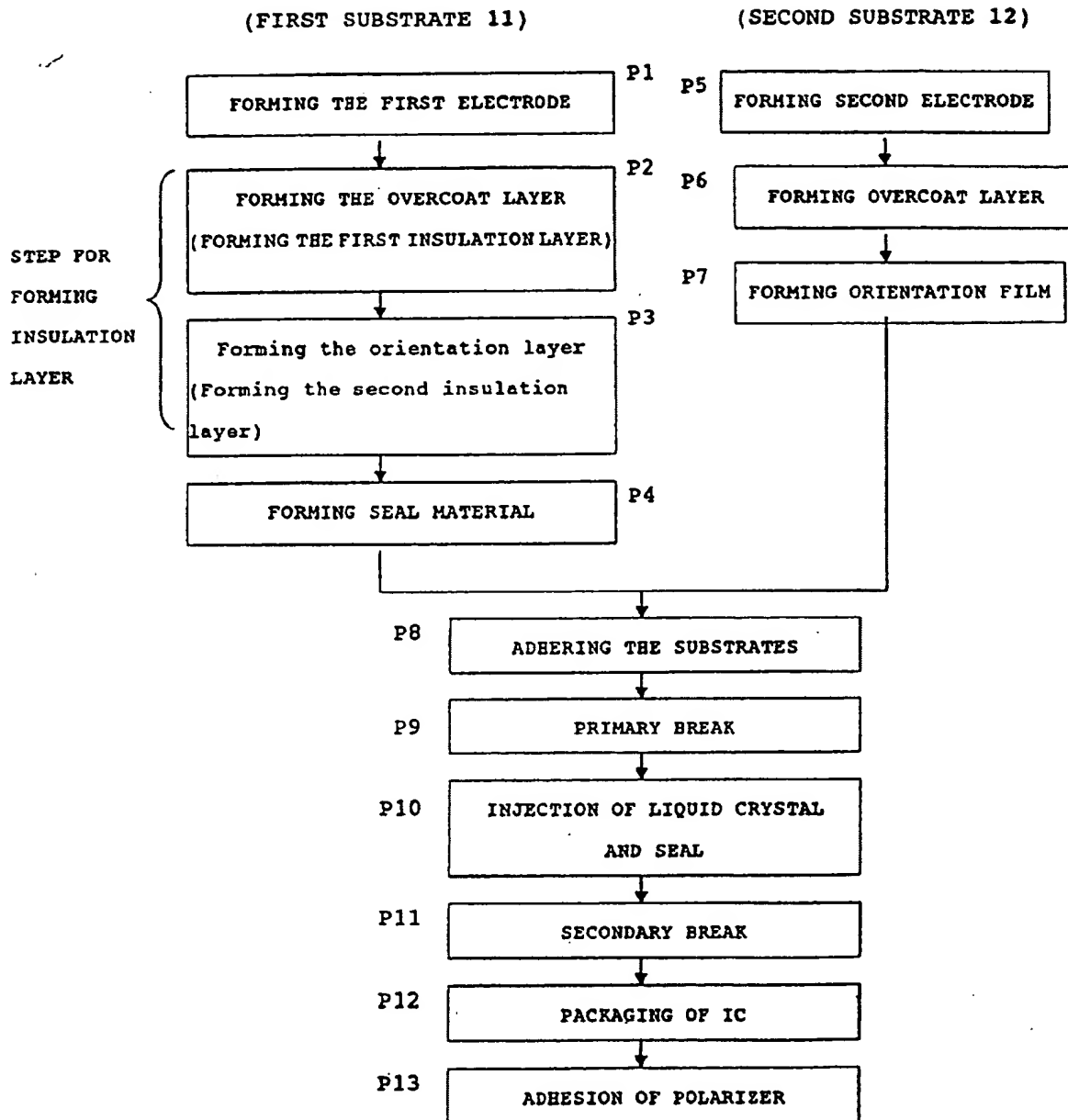


Fig.11



9/27

Fig.12



10/27

Fig.13

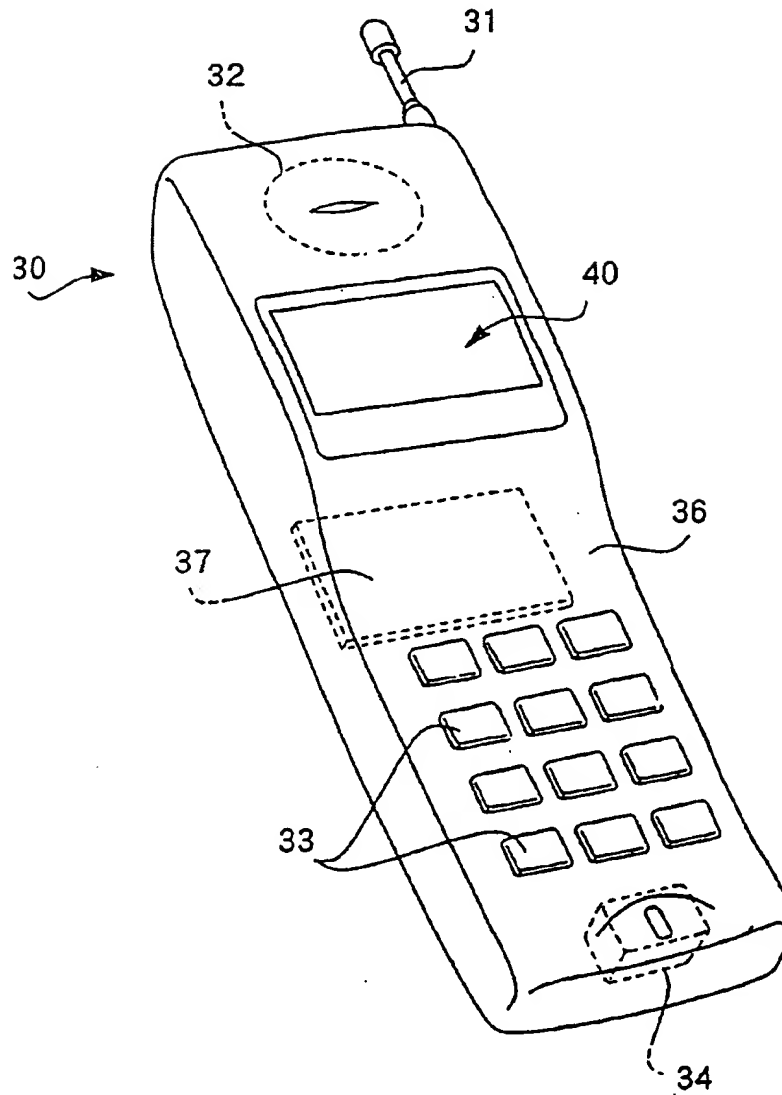
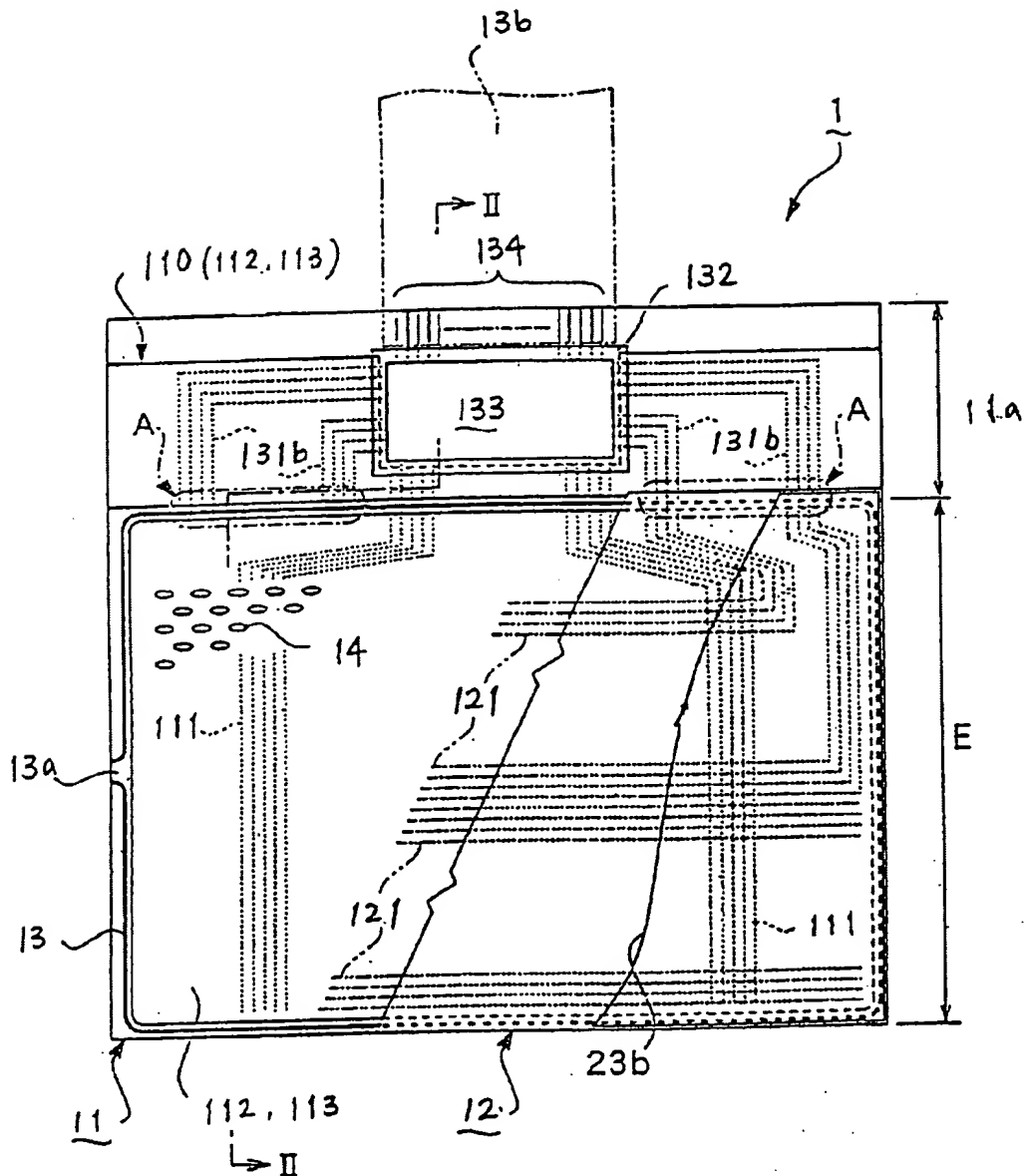
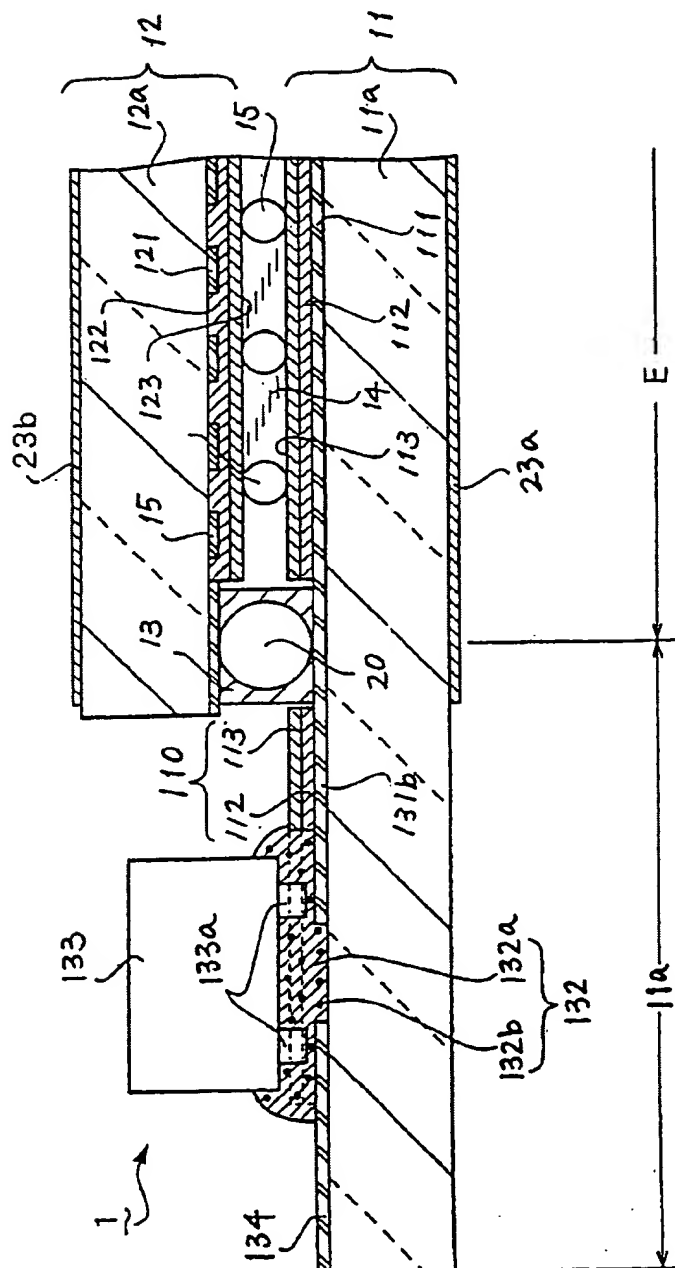


Fig.14



12/27

Fig. 15





13/27

FIG. 16A

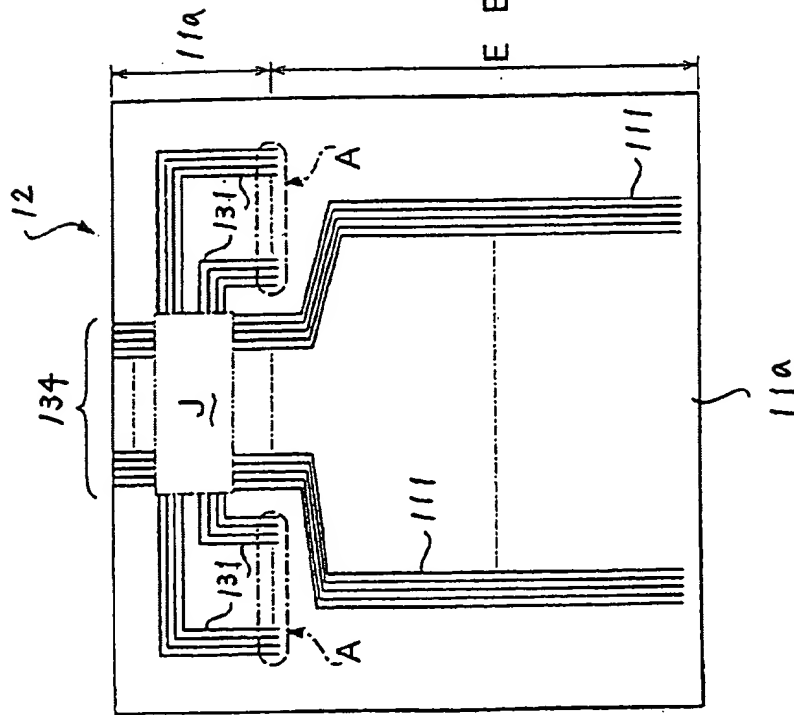
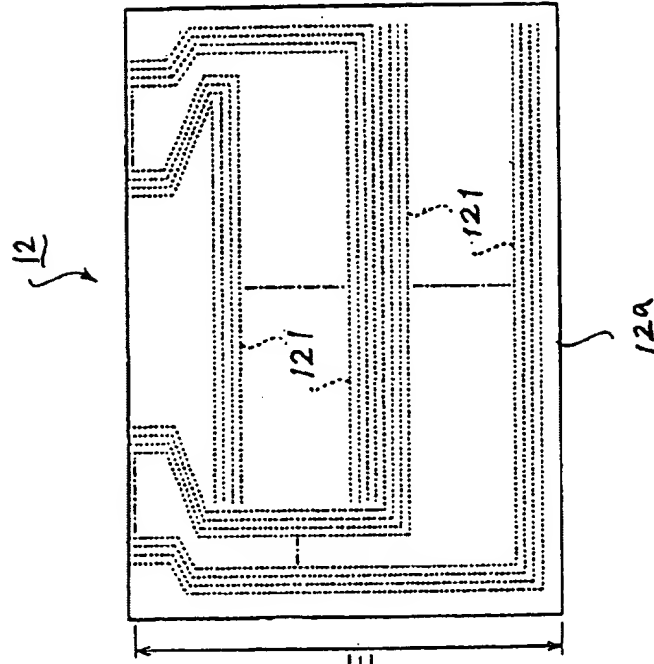


FIG. 16B



NOV 14 2003
U.S. PATENT & TRADEMARK OFFICE

14/27

Fig.17

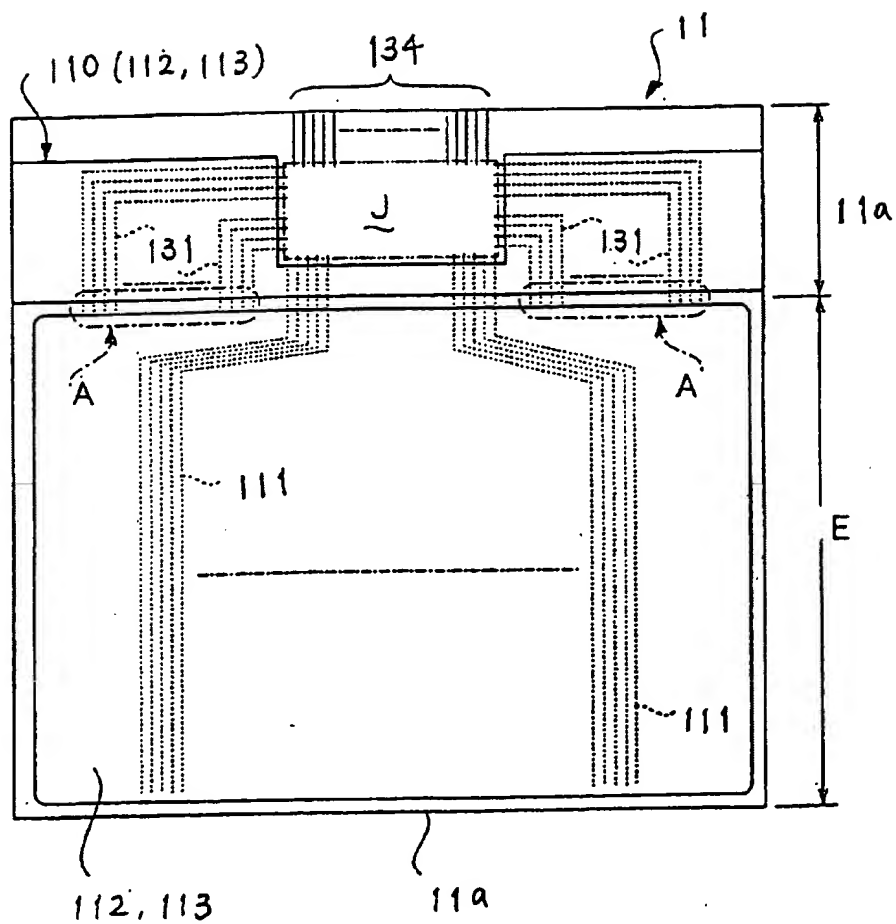
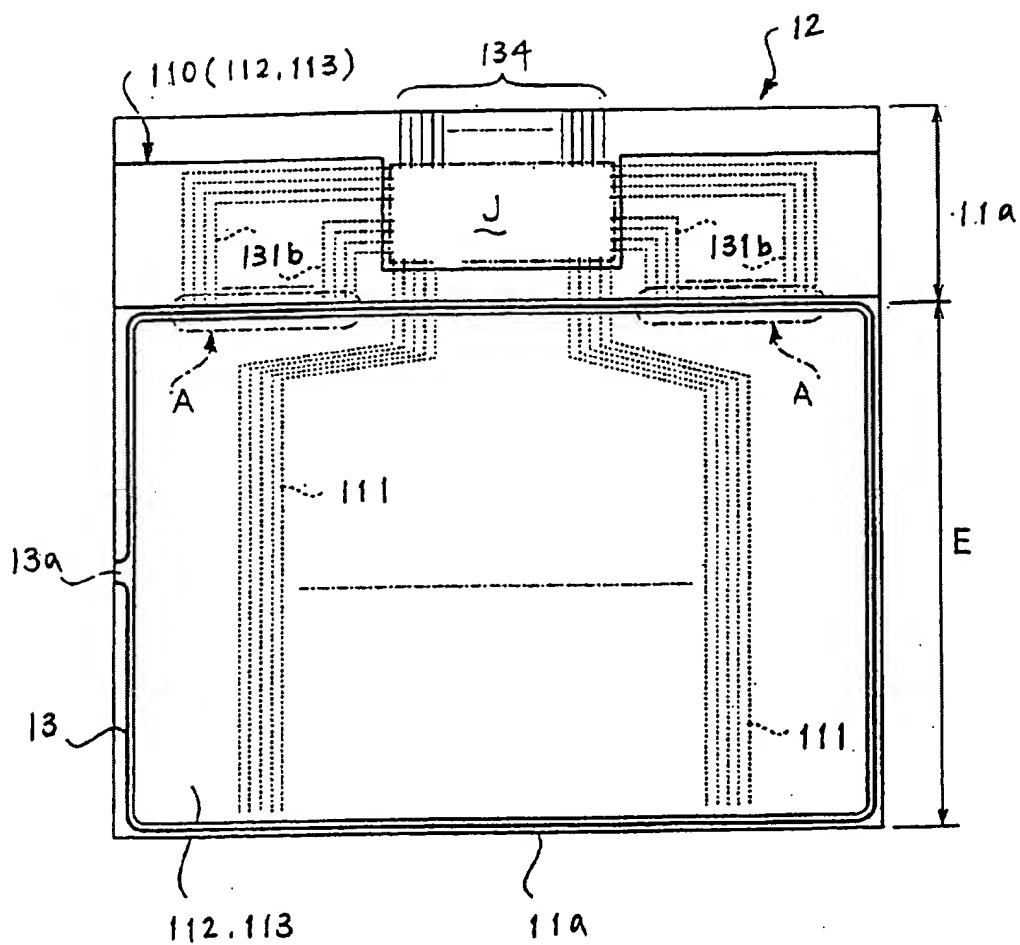


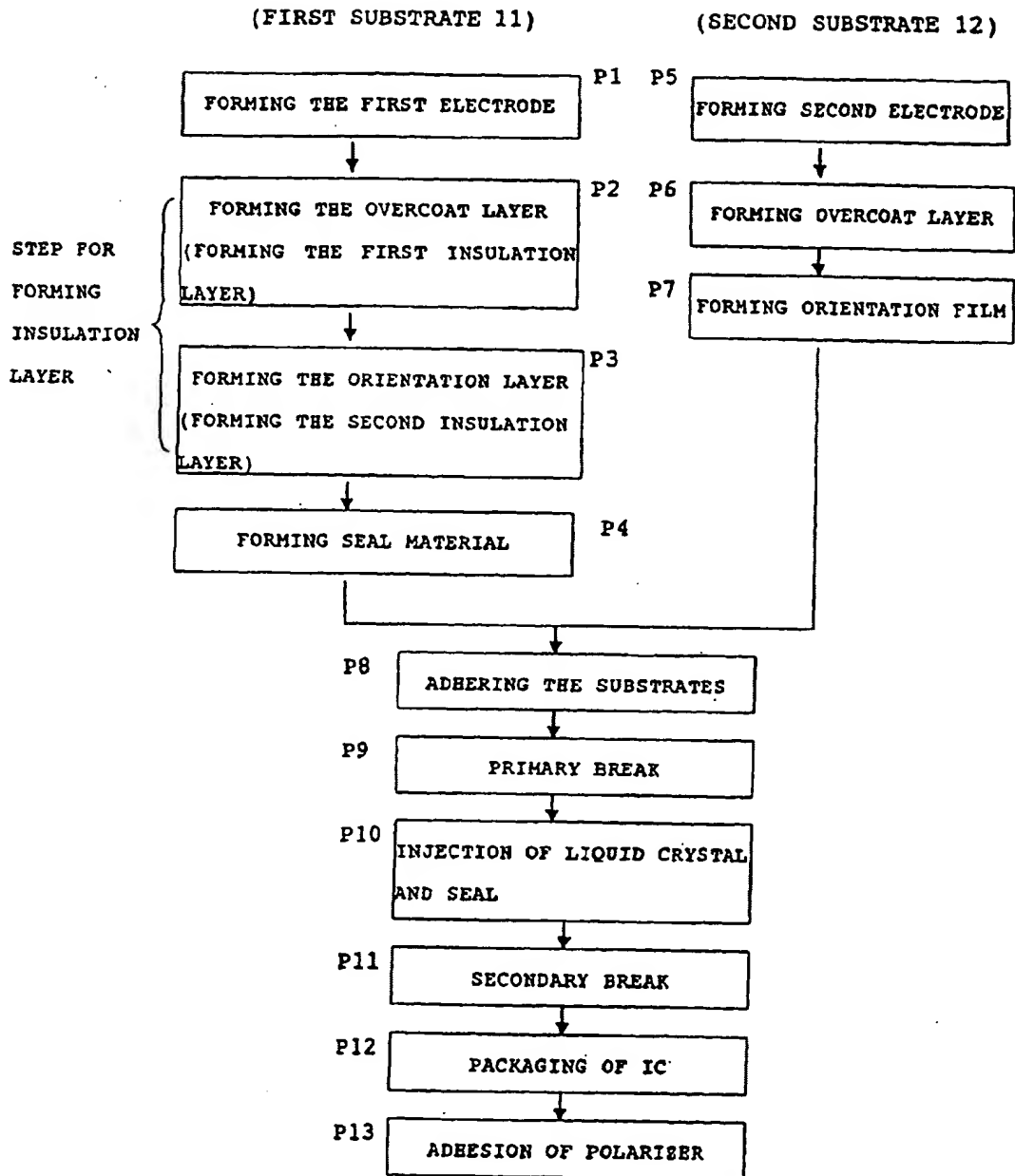


Fig.18



16/27

Fig.19



17/27

Fig.20

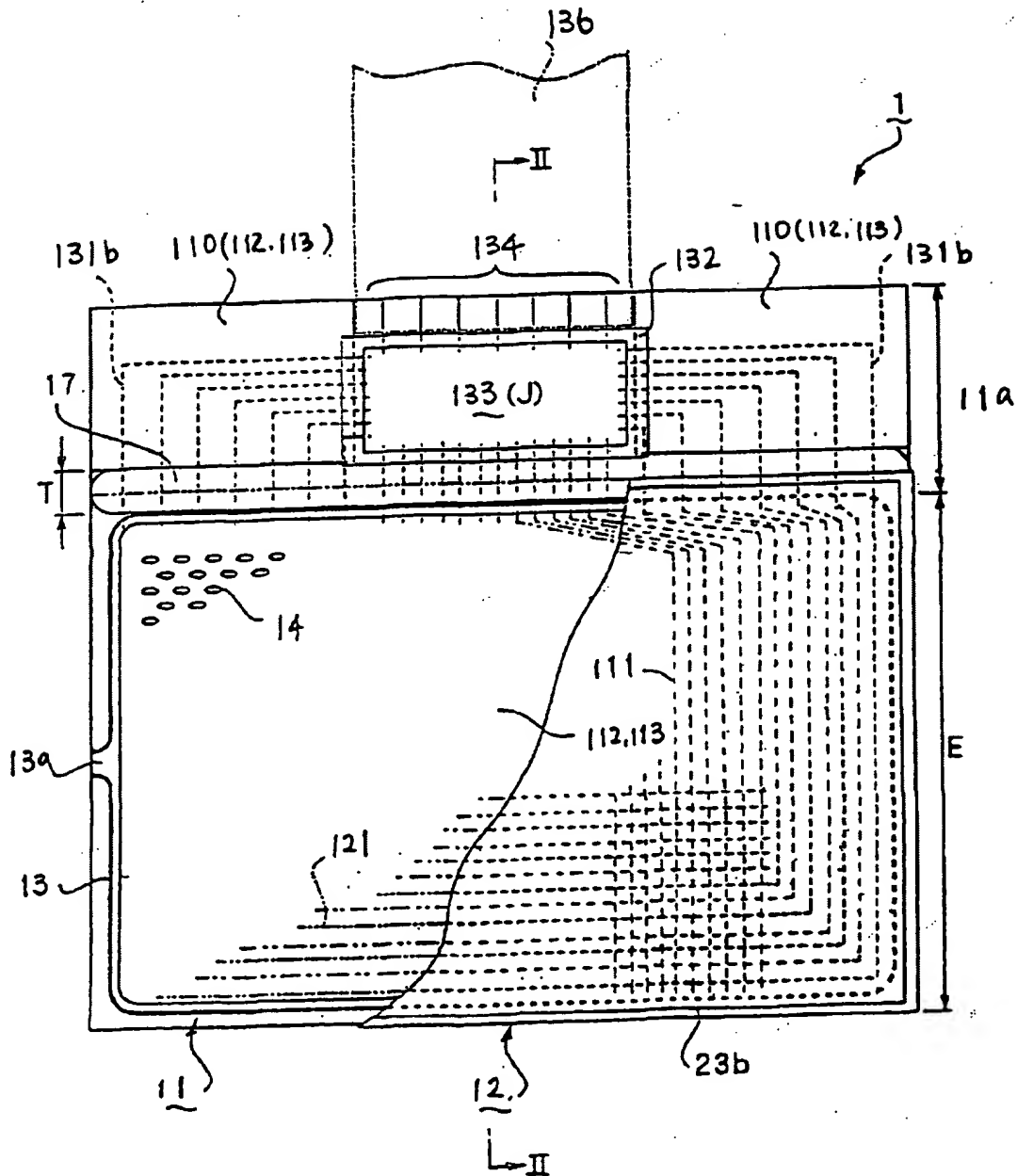
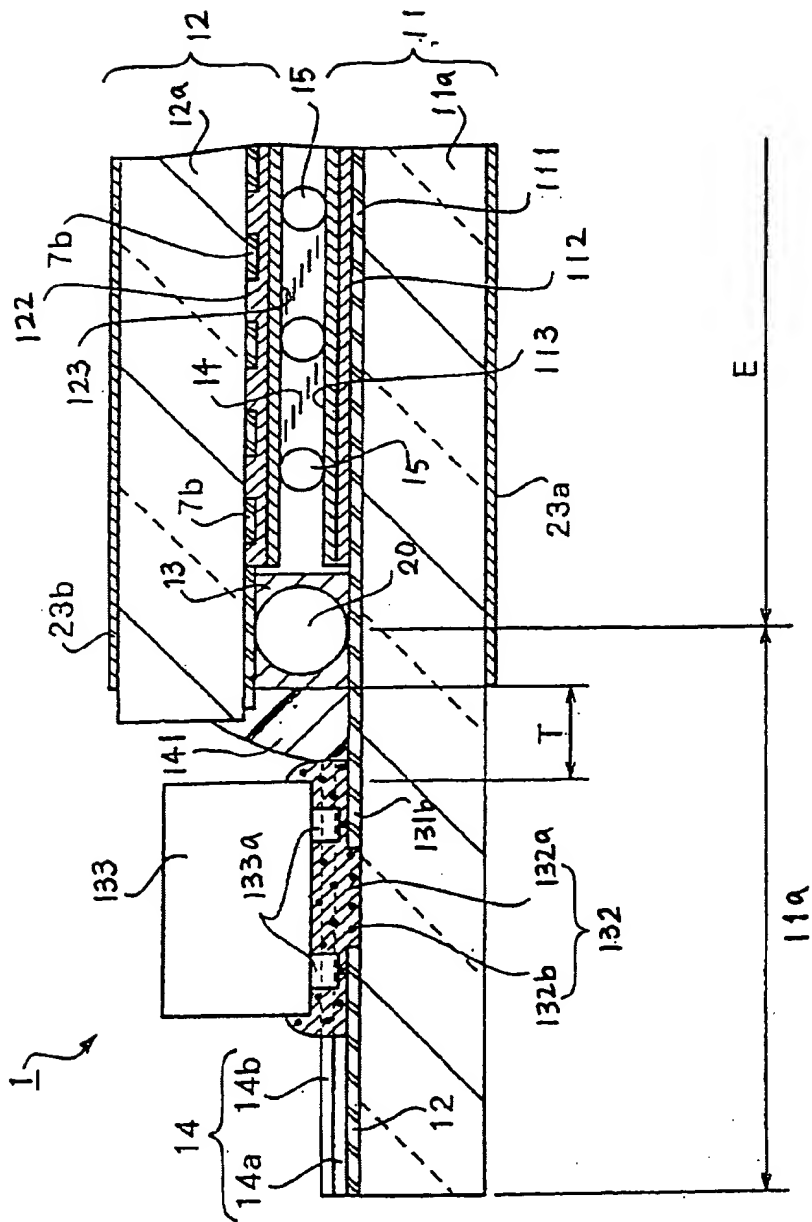
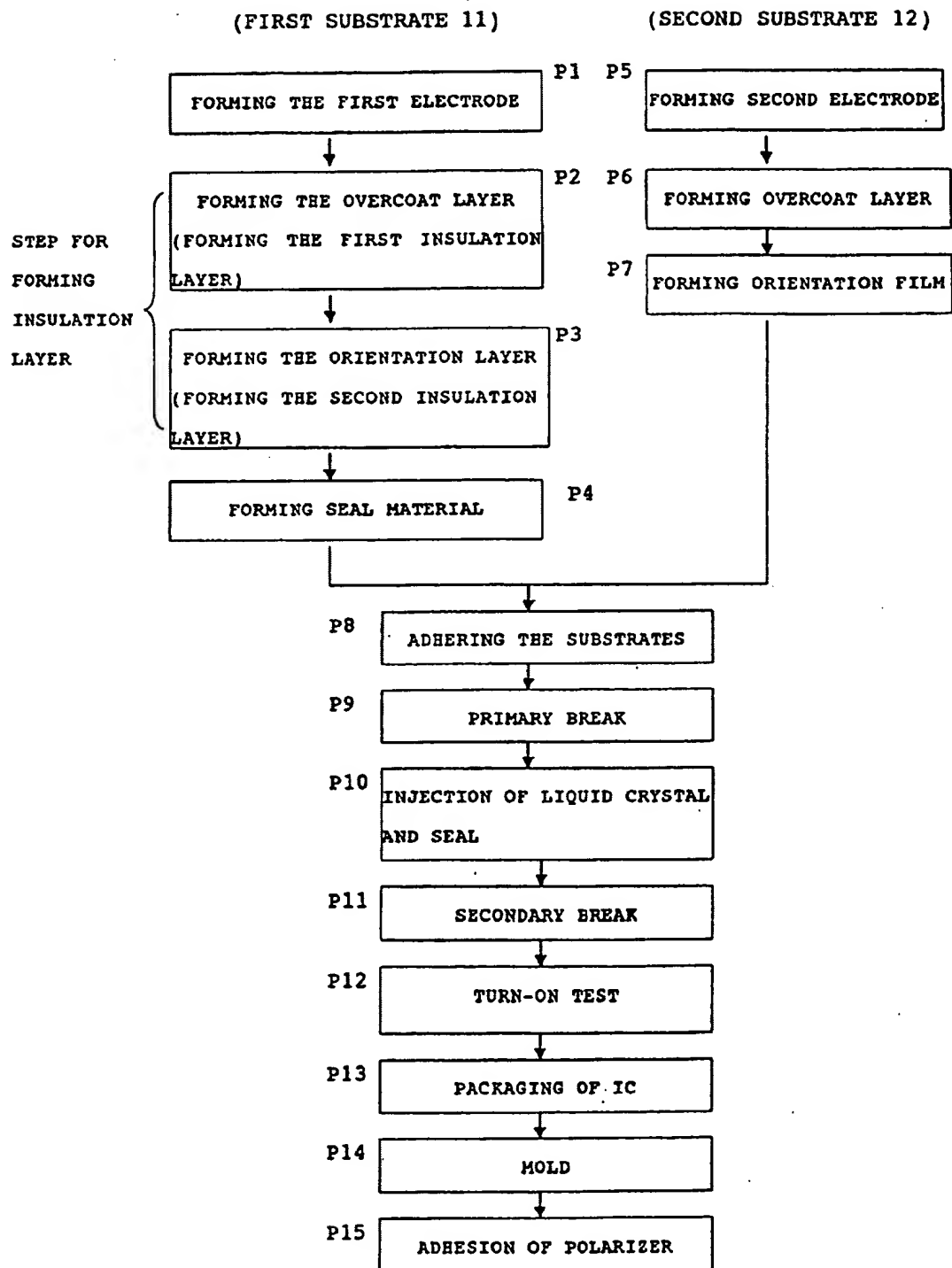


Fig. 21



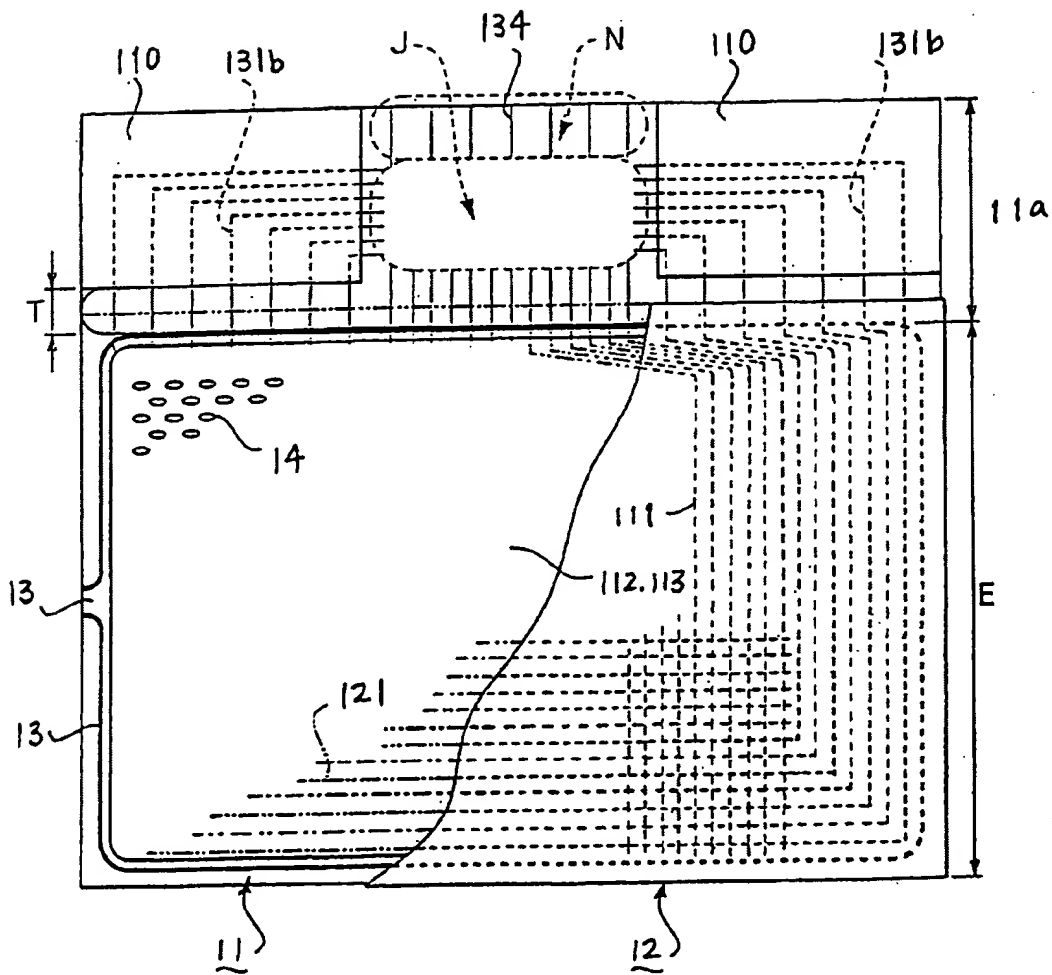
19/27

Fig.22



NOV 14 2003
POST & TRADEMARK OFFICE





22/27

FIG. 25A

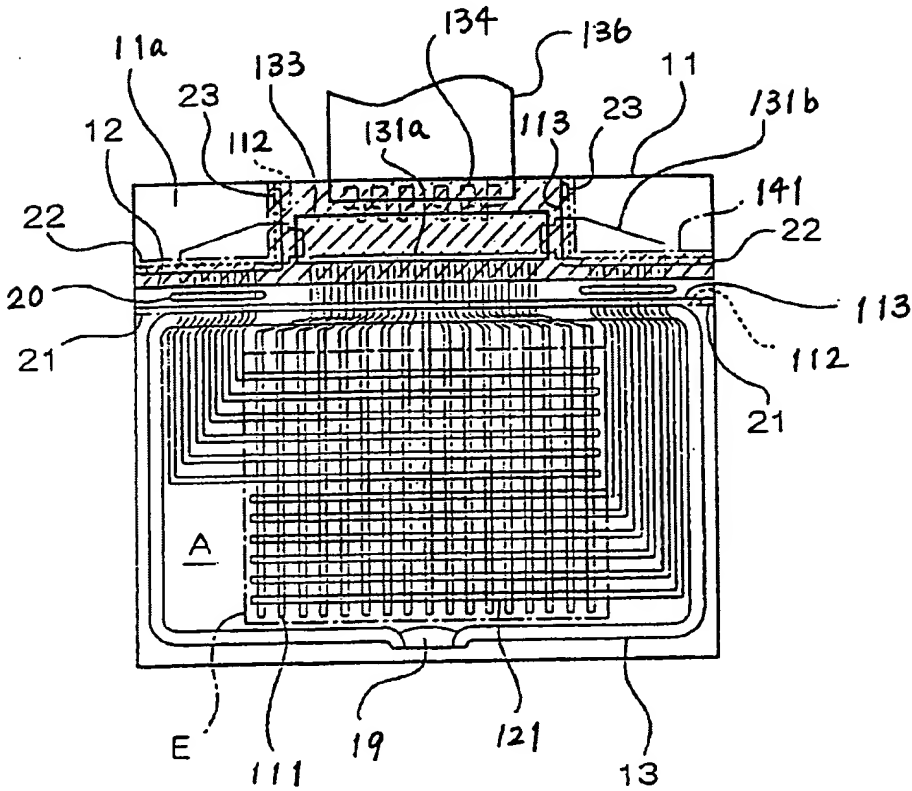
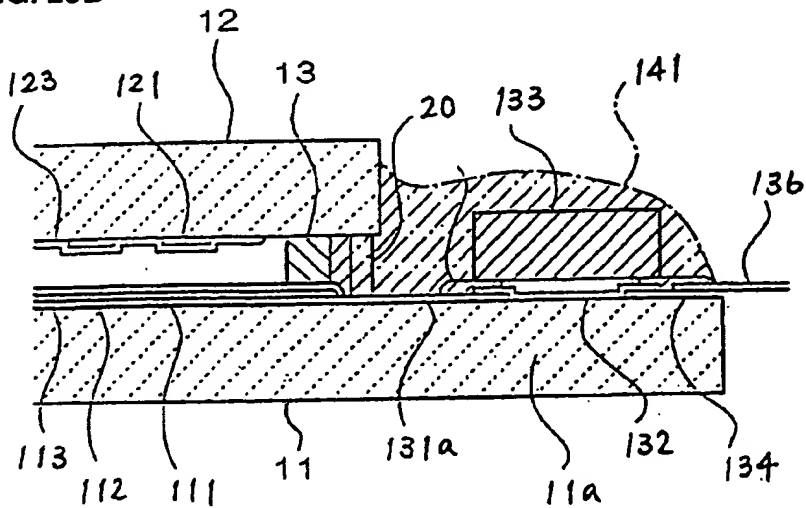
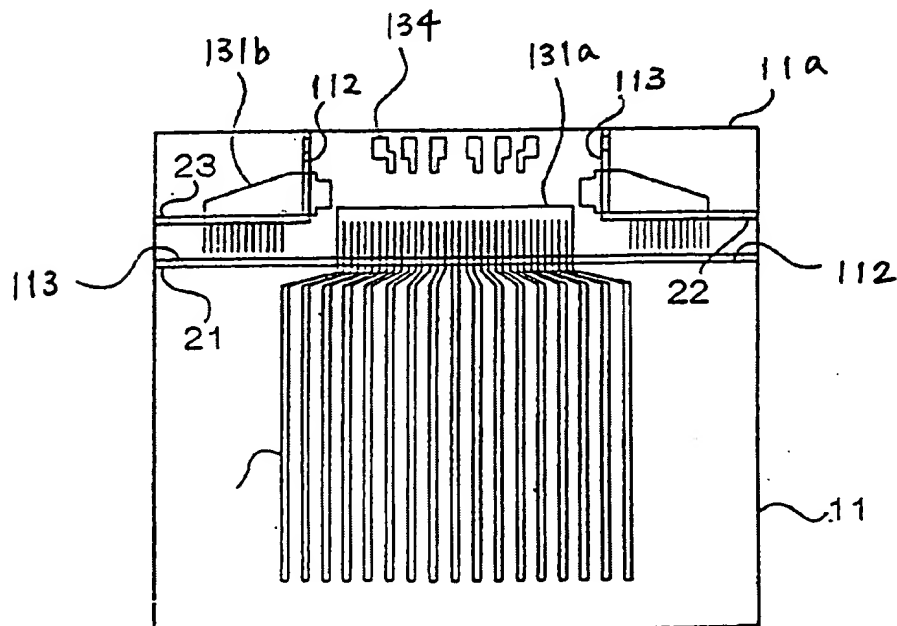


FIG. 25B





NOV 14 2003

24/27

FIG. 28A

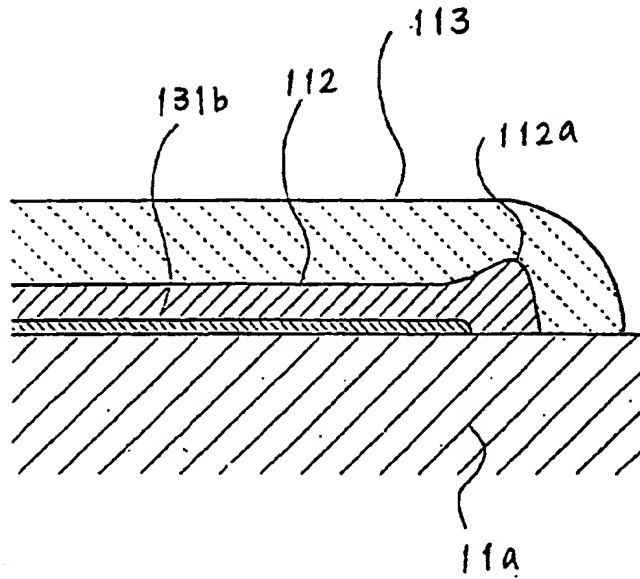
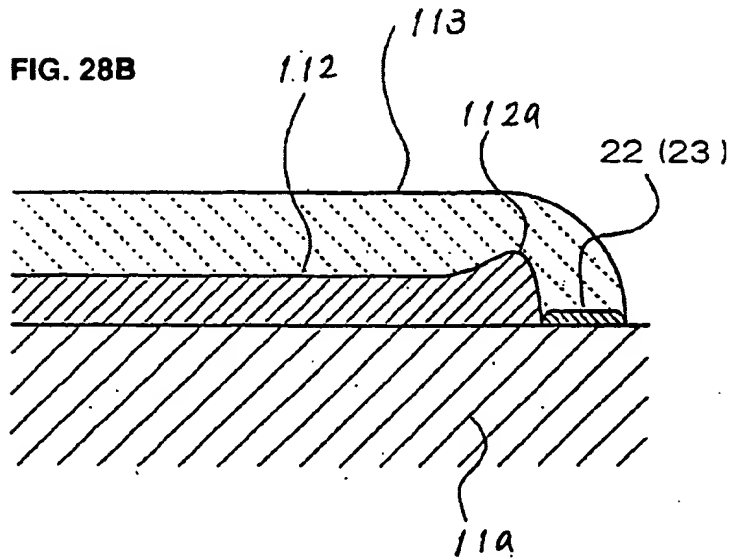


FIG. 28B



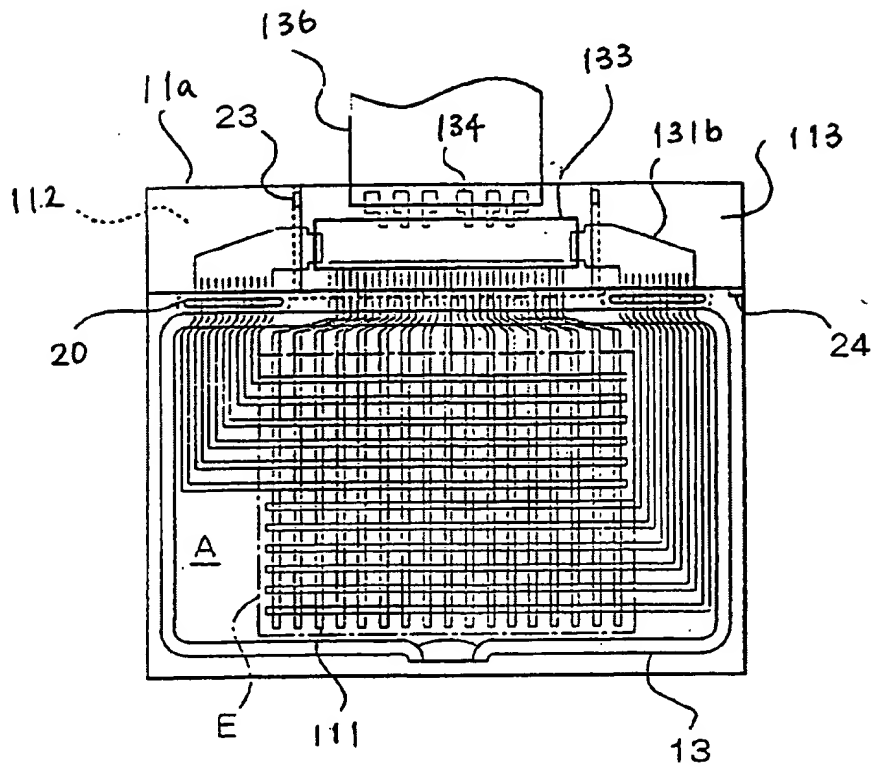


FIG. 29B

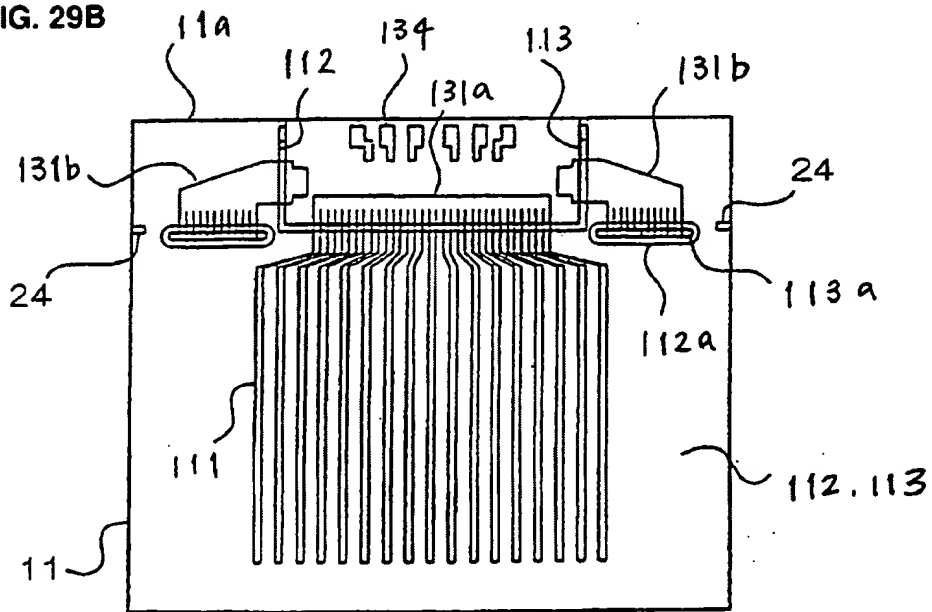


FIG. 30A

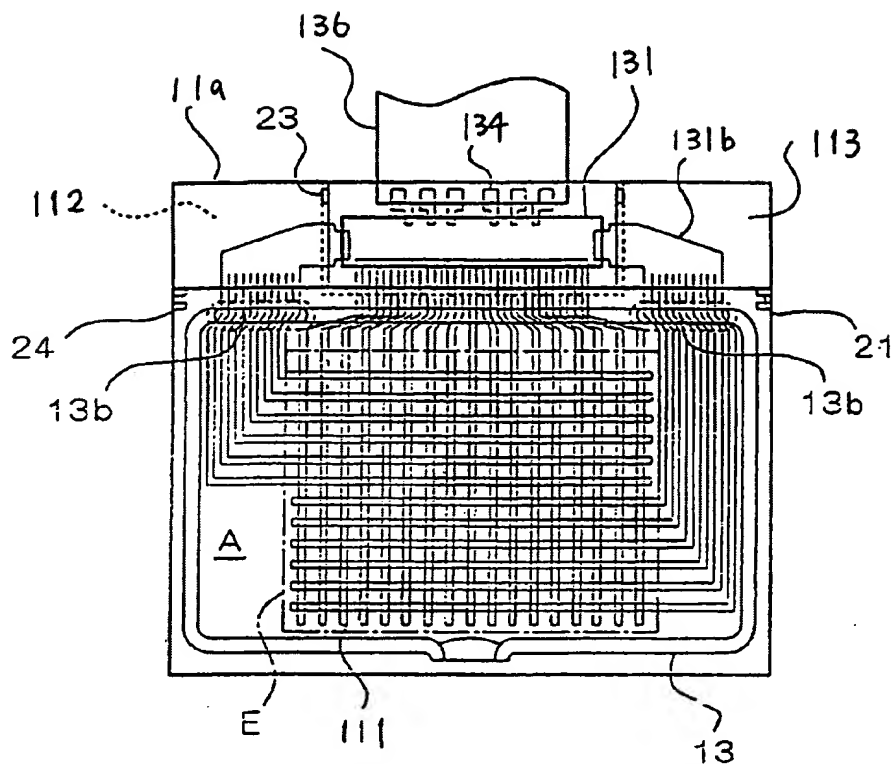
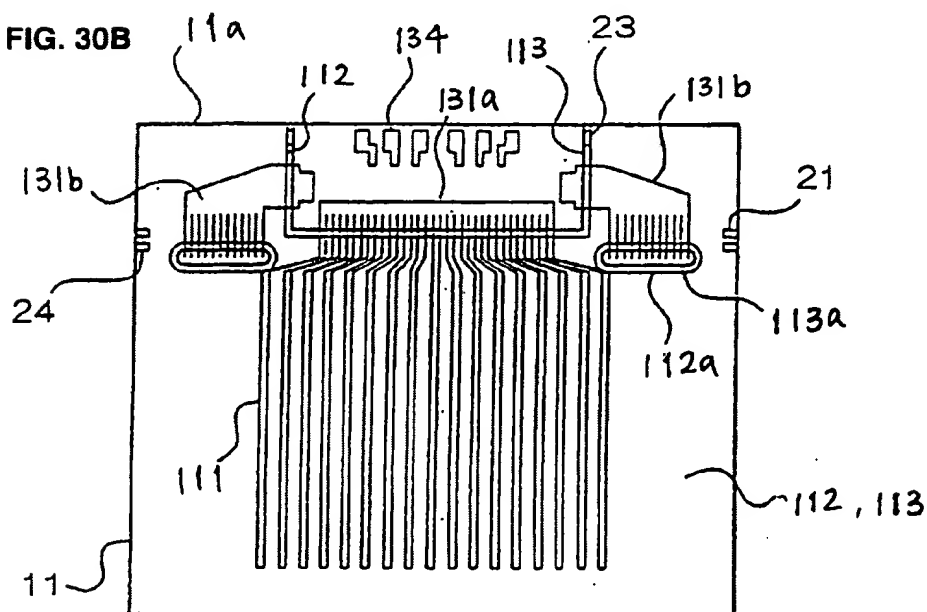


FIG. 30B



27/27

FIG. 31A
PRIOR ART

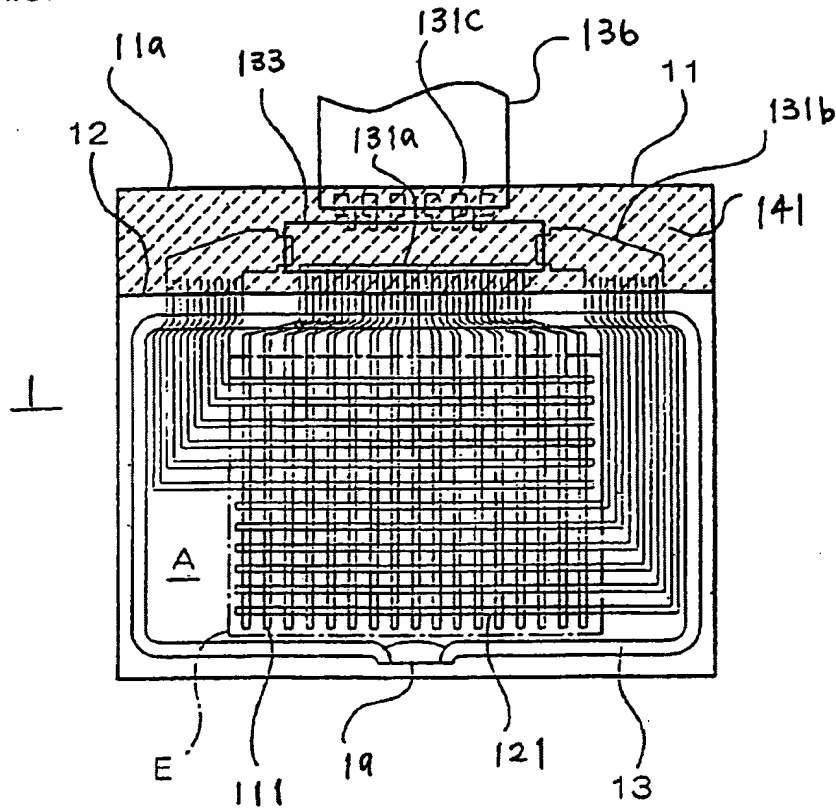


FIG. 31B
PRIOR ART

